Christian D. Valenti

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Education

Temple University, College of Engineering	Philadelphia, PA
Bachelor of Science in Electrical Engineering	Expected: May 2015
IEEE Member, January 2014 – Present	Current GPA: 3.6

York College of Pennsylvania	York, PA
Bachelor of Science in Engineering Management	Received: May 2011

Work Experience

Temple University	Philadelphia, PA
Undergraduate Research Intern	May 2014 - Present

- Primary Electrical Engineering student team member, working alongside Dr. Andrew Spence in his lab in the Department of Bioengineering at Temple University
- Implemented 'Dynamism' control software to feedback controlled animal treadmill, utilizing computer vision to control belt speed
- Designed and implemented mechanical perturbation into treadmill assembly
- Assisted University of Pennsylvania's Kodlab robotics laboratory in experimental gait control software tests using their XRL hexapedal robot
- Skills in the Linux operating system, C programming, Python programming, and computer vision utilized and strengthened

Dentsply Professional	York, PA
Project Manager	May 2012 - August 2013

- Managed the launch of three Medical Device products in global markets including Europe, Japan, and the Middle East & Africa
- Led cross-functional project team in weekly meetings
- Defined product specifications and designed testing protocols to verify intended design
- Completed risk analysis for user safety and ISO 14971 standards

Manufacturing Engineer	Sept 2011 – May 2012

- Designed re-work protocols for all re-work needed on manufacturing floor
- Processed Change Orders for changes needed to procedures or drawings

Research & Development Intern	July 2011 – Sept 2011

- Wrote and performed test protocols for product verification
- Led Failure Mode and Effect Analysis (FMEA) Team Meetings
- Designed and performed ad hoc testing in Research & Development Lab

Skills

Microsoft Office

- Advanced skills in Microsoft Office

Programming

- Proficient in Bash, Python, C, and MATLAB

Software

- Proficient using MATLAB
- Proficient using Multisim circuit simulation
- Proficient using LabVIEW system design environment
- Basic skills in SolidWorks 3D design and analysis